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October 25, 2001

W.K. Richardson
1859-1951

Attorney Docket No.: 13445-014001

Box Patent Application
Commissioner for Patents
Washington, DC 20231

Presented for filing is a new patent application claiming priority from a provisional patent application of:



BOSTON

DALLAS

DELAWARE

NEW YORK

SAN DIEGO

SILICON VALLEY

TWIN CITIES

WASHINGTON, DC

Applicant: MIHAI IBANESCU, JOHN D. JOANNOPOLOUS, YOEL FINK,
STEVEN G. JOHNSON AND SHANHUI FAN

Title: DIELECTRIC WAVEGUIDE WITH TRANSVERSE INDEX
VARIATION THAT SUPPORT A ZERO GROUP VELOCITY MODE
AT A NON-ZERO LONGITUDINAL WAVEVECTOR

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	19
Claims	6
Abstract	1
Declaration (unsigned)	2
Drawings	10

Enclosures:

- New disclosure information, including:
Information disclosure statement, 1 pages.
PTO-1449, 2 pages.
References, 20 items.
- Postcard.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL485713411

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

October 25, 2001

Date of Deposit

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Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/243,565, filed October 26, 2001.

Basic filing fee	\$370
Total claims in excess of 20 times \$9	\$216
Independent claims in excess of 3 times \$42	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$586

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

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Respectfully submitted,



Marc M. Wefers* for
Eric L. Prah
Reg. No. 32,590
Enclosures

*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).